

Geistlich Nexo-Gide®

Dual Surface Membrane



For the Management
and Protection
of Tendon Injuries

Product Design

Natural Architecture

Geistlich Nexo-Gide® provides a **biocompatible protective** encasement optimal for **managing & protecting** tendon injuries.

Geistlich Nexo-Gide® is a resorbable, highly purified, naturally dual surface bi-layer (and therefore structurally optimal) collagen membrane for the management and protection of tendon injuries. The porcine derived, proprietary source material (Collagen I/III) used for Geistlich Nexo-Gide® provides a biocompatible protective encasement to support the body's natural healing process.

Low Profile

Geistlich Nexo-Gide® is naturally thin and **low profile**, allowing the matrix to conform and adapt to the affected tendon/soft tissue.

The low profile of the membrane results in convenient handling properties and reduces the incidence of overstuffing the repair site.

Easy to Handle

Provides a **non-constricting protective encasement** that **can be trimmed and cut to size** with the necessary **pull-out strength** for suturing the membrane to the tendon.*

Features Two Distinct Surfaces

Outer smooth surface **reduces adherence and friction** against surrounding soft tissues*

Inner porous surface **provides conformability** for optimal placement and an environment for **healing and cellular ingrowth**

The Geistlich Process

1 Extract:
renders the source material acellular

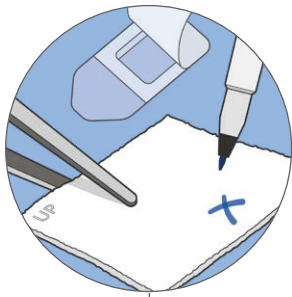
2 Purify:
removes antigens, lipids and unwanted proteins

Outer surface

Inner surface

*Data on file

Preparation & Surgical Technique



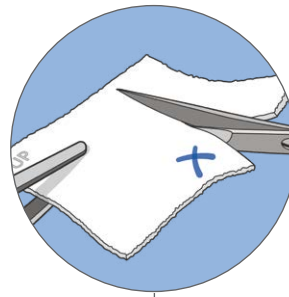
1
Removal &
Orientation

Remove Geistlich Nexo-Gide® and if needed, use a sterile pen to lightly mark the compact layer marked “UP” that will face the surrounding tissues. The “UP” sign might not be visible once the membrane has been trimmed and hydrated.



2
Hydration

Hydrate the Geistlich Nexo-Gide® using sterile saline solution for at least 1–2 minutes. An increase in membrane size of around 10–15% is to be expected when hydrated. If hydrated in advance, the product should be covered with sterile gauze until it is implanted.



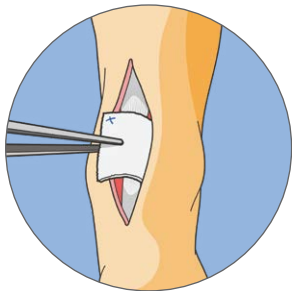
3a
Size & Trim

Following tenolysis or primary repair of the tendon, determine the appropriate size, wrap the membrane in a single layer around the affected region and trim away excessive material to minimize membrane overlap. Geistlich Nexo-Gide® should be cut to a size that extends the entire length of the incision or damaged area in the tendon sheath.



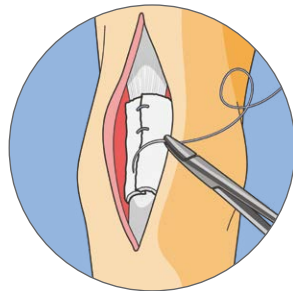
3b
Size & Trim
(optional)

In order to properly cover a small repair site, where it may be required to trim the membrane to size, the Aluminum Template can be used to determine the length of the suture line on the tendon. The Geistlich Nexo-Gide® or tendon tissue should not contact the printed side of the aluminum template.



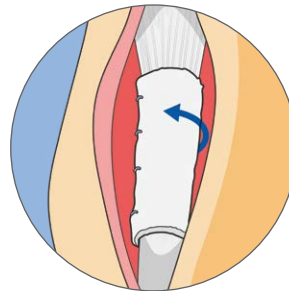
4
Apply

Apply the Geistlich Nexo-Gide® with the compact layer marked with the word UP facing surrounding tissues ensuring that the porous layer is facing the site of the tendon repair.



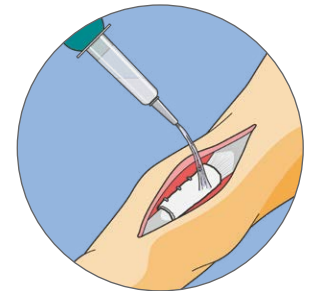
5
Secure

The membrane may be secured to the tendon with absorbable suture using a non-cutting needle and a low-tension suture technique. The membrane can also be sutured to itself if suturing to the tendon tissue is not applicable. Use the minimum number of sutures/stitches required to avoid irritation of the adjacent tissues.



6
Rotate
(if needed)

Geistlich Nexo-Gide® may be rotated such that suture line is away from the injured soft tissue (i.e. the skin suture line).



7
Irrigate

Thoroughly irrigate the surgical site and close the incision in the standard fashion.



www.nexogide.com

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Product Portfolio



Geistlich Nexo-Gide®
is available in three sizes



500662
Geistlich Nexo-Gide®
20x30 mm

500663
Geistlich Nexo-Gide®
30x40 mm



500664
Geistlich Nexo-Gide®
40x50 mm

A sterile aluminum template is included

Where it may be required to trim the membrane to size, the Aluminum Template can be used to determine the length of the suture line on the tendon.



38 x 48 mm

Who is Geistlich Surgery?

Geistlich Surgery is a business unit of Geistlich Pharma AG, which is headquartered in Switzerland. Entirely family owned since 1851, the company develops, produces, and markets medical devices for regenerative medicine.

As experts in bone and tissue regeneration, we see tremendous potential for collagen in the future of regenerative medicine. That is why we have dedicated a team of biochemists, materials scientists, process engineers, and other experts at our headquarters in Switzerland to focus exclusively on collagen, and to explore its other possible therapeutic applications.

For more information, or to order Geistlich Nexo-Gide®, call **877-485-2968** or email **info@geistlich-na.com**.